

PATCHING ASSET
FOR HOUSTON TEST 10/21/13

- LL1 - G02, G023, G022, G028, G020 - [00010101] $\approx 2 \text{ mV}$
- LL2 - G029, G020, G015, G017, G010 - [00111101] $\approx 5.86 \text{ mV}$
- LL3 - G011, G025, D004, G007, D009, G006 - [01011101] $\approx 7.26 \text{ mV}$
- LL4 - D001, D030, D007, G003, D002, D009, G004 - [01110011] $\approx 8.98 \text{ mV}$
- LL5 - G019, D022, D020, G026 - [10000101] $\approx 10.4 \text{ mV}$
- LL6 - D021 [10011101] $\approx 12 \text{ mV}$
- LL7 - D006, G001, G030, G013, D014, D025 [10101101] $\approx 13.58 \text{ mV}$
- LL8 - G009, G032, D008 [11000101] $\approx 15.4 \text{ mV}$
- LL9 - G005 [11101101] $\approx 18.53 \text{ mV}$
- LL10 - G003, D003, D023, G021, G012 [11111101] $\approx 19.76 \text{ mV}$

- HL1 - B054, B064, A024, A075, F070 - [00011000] $\approx 4.69 \text{ V}$
- HL2 - B041, A088, B060 [00101000] $\approx 7.82 \text{ V}$
- HL3 - B052, B071, B049, F052, A023 [00111000] $\approx 1.09 \text{ V}$
- HL4 - B042, B061, B065, A106 [01000000] $\approx 1.25 \text{ V}$
- HL5 - B050, B057, A082 [01001000] $\approx 1.405 \text{ V}$
- HL6 - B044, B063, A105, B066 [01011000] $\approx 1.73 \text{ V}$
- HL7 - B051, A081, A085, B067, A092 [01101000] $\approx 2.03 \text{ V}$
- HL8 - A099 [01101110] $\approx 2.15 \text{ V}$
- HL9 - A100 [10000000] $\approx 2.5 \text{ V}$
- HL10 - B068 [10001000] $\approx 2.66 \text{ V}$
- HL11 - B043, B062, B053 [10010000] $\approx 2.81 \text{ V}$
- HL12 - F053, F041, A084, B069 [10011000] $\approx 2.97 \text{ V}$
- HL13 - B059, B056, F068 [10101000] $\approx 3.28 \text{ V}$
- HL14 - F054, A028, B055 [10111000] $\approx 3.59 \text{ V}$
- HL15 - B046, F067, A077, F063 [11000000] $\approx 3.75 \text{ V}$
- HL16 - B058, B055, A029 [11011000] $\approx 3.91 \text{ V}$

HL17 A086 [11010000] $\approx 4.06V$

HL18 B045, F069 [11011000] $\approx 4.22V$

HL19 A091, F042, A030, B048 [11101000] $\approx 4.53V$

HL20 A083, F056, F051, A022, F060 [11111000] $\approx 4.84V$

BL1 (ON)

- (1) P33 B25 (3) P41 B35
- (2) P33 B26 (4) P41 B36
- (5) P33 B28
- (6) P33 B29
- (7) P33 B32

BL2 (OFF)

- (1) P33 B27 (3) P41 B33
- (2) P33 B30 (4) P41 B34
- (5) P33 B31 (6) P41 B37
- (7) P41 B38
- (8) P41 B39
- (9) P41 B40

BL3 (ON)

- (1) P34 F25 (2) P42 F34
- (3) P34 F26 (5) P42 F37
- (4) P34 F27 (7) P42 F39
- (6) P34 F29
- (8) P34 F30
- (9) P34 F31
- (10) P34 F32

BL4 (OFF)

- (1) P34 F28 (3) P42 F33
- (4) P42 F35
- (5) P42 F36
- (6) P42 F38
- (7) P42 F40

BL 5 (ON)

- | | |
|-------------|-------------|
| (2) P13 B02 | (2) P14 F02 |
| (5) P13 B05 | (3) P14 F03 |
| (6) P13 B06 | (4) P14 F06 |
| (7) P13 B07 | (7) P14 F07 |
| (8) P13 B08 | (8) P14 F08 |

BL 6 (OFF)

- | | |
|-------------|-------------|
| (1) P13 B01 | (1) P14 F01 |
| (3) P13 B03 | (4) P14 F04 |
| (4) P13 B04 | (5) P14 F05 |

BL 7 ON

- | | |
|--------------|-------------|
| (2) P13 A036 | (1) P29 B09 |
| (3) P13 A037 | (4) P29 B12 |
| (4) P13 A038 | (7) P29 B15 |
| (5) P13 A039 | |
| (6) P13 A040 | |
| (8) P13 A042 | |

BL 8 (OFF)

- | | |
|--------------|-------------|
| (1) P13 A035 | (2) P29 B10 |
| (7) P13 A041 | (3) P29 B11 |
| | (5) P29 B13 |
| | (6) P29 B14 |
| | (8) P29 B16 |

BL 9 ON

- | | |
|-------------|--------------|
| (1) P30 F09 | (1) P31 A045 |
| (3) P30 F11 | (2) P31 A044 |
| (5) P30 F13 | (3) P31 A049 |
| (7) P30 F15 | |
| (9) P30 F16 | |

BL 10 (OFF)

- | | |
|-------------|--------------|
| (2) P30 F10 | (3) P31 A045 |
| (4) P30 F12 | (4) P31 A046 |
| (6) P30 F14 | (5) P31 A047 |
| | (6) P31 A048 |
| | (8) P31 A050 |

BL 11 (ON)

(1) P35 A062 (2) P43 A068
(7) P35 A065 (3) P43 A069
(8) P35 A066 (6) P43 A072
(8) P43 A074

BL 12 (OFF)

(1) P35 A059 (1) P43 A067
(2) P35 A060 (4) P43 A070
(3) P35 A061 (5) P43 A071
(5) P35 A063 (7) P43 A073
(6) P35 A064

BL 13 (ON)

(2) P45 B18
(3) P45 B19
(4) P45 B20
(5) P45 B21
(6) P45 B22

BL 14 (OFF)

(1) P45 B17
(7) P45 B23
(8) P45 B24

BL 15 (ON)

(1) P46 F17
(4) P46 F20
(5) P46 F21
(8) P46 F24

BL 16 (OFF)

(2) P46 F18
(3) P46 F19
(6) P46 F22
(7) P46 F23

BL 17 (ON)

(1) P47 A051
(3) P47 A053
(4) P47 A054
(7) P47 A057
(8) P47 A058

BL 18 (OFF)

(2) P47 A052
(5) P47 A055
(6) P47 A056

E_T

11001101 11101001 1110101

TR

00010011 00101101 01000101

S, LEVELS

P13 - 01 0011 11

P14 - 01 1001 11

P15 - 01 1111 01

P29 10010010

P30 - 10 101011

P31 - 11 000010

P33 - 11 011 001

P34 - 11101111

X P35 - 0001 0010

P41 - 0011 00 00

P42 - 01 001010

P43 - 011 00101

P45 - 01111 00

P46 100 11 001

P47 10 11 00 11

Cond. Sig. Str

G 007 - 01011101

8 - 01110011

} if possible